

Appl. No. 10/502,184
Amdt. dated Apr. 4, 2006
Reply to Office Action Mailed Jan. 11, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A lamp for a vehicle headlight having with a low-beam function capable of generating a bright-dark cut-off for emitted light, which the lamp comprising:

~~has an outer envelope (4) configured to and emits at~~
least visible light of different colors from several regions of the outer envelope (4), ~~characterized in that in that wherein:~~

~~at least a partial a coating (2) is provided on at least part of the outer envelope, the coating (4) being such that, during operation of the lamp to illuminate a traffic space with when the low-beam function is being realized, at least that a first region of the traffic space which lies above the bright-dark cut-off can be is at least partly illuminated with visible colored light which is scattered at said partial the coating (2), while at the same time that a second region of the traffic space which~~

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~~lies~~ below the bright-dark cut-off ~~can then being~~
illuminated with visible light of a different color in
defined regions.

Claim 2 (currently amended): The A-lamp as claimed in
claim 1, ~~characterized in that wherein~~ the light source of
the lamp ~~(1)~~ is a high-pressure discharge lamp, ~~or an non-~~
halogen incandescent lamp or, ~~in particular a halogen~~
lamp.

Claim 3 (currently amended): The A-lamp as claimed in
claim 1, ~~characterized in that wherein the partial coating~~
~~(2)~~ ~~or~~ at least a portion of ~~theis~~ coating is an
absorption coating capable of preferentially, at least in
part, which scatterings in particular yellow light at
~~least partly.~~

Claim 4 (currently amended): The A-lamp as claimed in
claim 1, ~~characterized in that wherein the partial coating~~
~~(2)~~ ~~or~~ at least a portion of ~~theis~~ coating is an
interference coating or a combined absorption and

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interference coating capable of ~~which transmittings in~~
~~particular~~ blue light.

Claim 5 (currently amended): The A-lamp as-claimed in
claim 1, characterized in that ~~wherein~~ a partial coating,
comprising, ~~in particular~~ a yellow absorption layer, is
arranged in a defined manner ~~in particular on the front or~~
~~rear region of~~ on the lamp's outer envelope ~~(4)~~.

Claim 6 (currently amended): The A-lamp as-claimed in
claim 1, wherein pinstripes are disposed on an area of the
outer envelope and characterized in that ~~the partial~~
~~coating (2)~~ comprises at least a first portion (21) which
is an absorption coating which scatters ~~in particular~~
yellow light at least partly and a second portion (22)
which is arranged in a striped pattern along ~~the~~
pinstripes ~~(5)~~.

Claim 7 (currently amended): The A-lamp as-claimed in
claim 6, characterized in that ~~wherein~~ at least one portion

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of the partial coating (2) extending in a striped pattern along the lamp envelope axis transmits bluish light.

Claim 8 (currently amended): The A-lamp as claimed in claim 1, characterized in that, configured to illuminate, in the realization of the low-beam function, the traffic space can be illuminated in the vicinity of the bright-dark cut-off in a defined manner by light passing through the partial coating (2).

Claim 9 (previously presented): A lighting device comprising at least a lamp (1) at least the as-lamp claimed in claim 1.

Claim 10 (new): The lamp claimed in claim 1, wherein a partial coating comprising a yellow-absorption layer, is arranged on a front or a rear region of the lamp's outer envelope.

Claim 11 (new): A vehicle headlight lamp having a low beam function, the lamp comprising an outer envelope and a

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partial coating provided on the outer envelope, the lamp being capable during operation of the low beam function of generating during operation a bright-dark cut-off line in light emitted by the lamp, a first illumination region being then positioned directly above the bright-dark cut-off line and illuminated with yellow light scattered at the partial coating, a second illumination region being positioned directly below the cut-off line and illuminated with bluish light.

Claim 12 (new): The lamp claimed in claim 11, wherein the light source of the lamp is a high-pressure discharge lamp, a halogen lamp or an incandescent lamp which is not a halogen lamp.

Claim 13 (new): The lamp claimed in claim 11, wherein the partial coating or at least a portion of said partial coating is an absorption coating scattering, at least partly, yellow light.

Claim 14 (new): The lamp claimed in claim 11, wherein the partial coating or at least a portion of the partial

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coating is an interference coating preferentially transmitting blue light or a combined absorption and interference coating preferentially transmitting blue light.

Claim 15 (new): The lamp claimed in claim 11, wherein a portion of the partial coating comprising a yellow absorption layer is arranged in a defined manner in particular on the front or rear region of the outer envelope.

Claim 16 (new): The lamp claimed in claim 11, wherein the partial coating comprises at least a portion which is an absorption coating scattering preferentially, at least partly, yellow light and a second portion arranged in a striped pattern along the pinstripes.

Claim 17 (new): A lamp as claimed in claim 16, wherein a portion of the partial coating extends in a striped pattern along the lamp envelope axis and transmits bluish light.

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Claim 18 (new): A vehicle headlight lamp having a low beam function, the lamp comprising a lamp envelope, the lamp envelope being provided with means for illuminating, during use of the low beam function, both a first illumination region positioned directly above a bright-dark cut-off line and a second illumination region positioned directly below the bright-dark cut-off line, the first illumination region being illuminated with light of a different color from the light illuminating the second illumination region.

Claim 19 (new): The lamp of claim 18 wherein the light illuminating the first illumination region is yellowish.

Claim 20 (new): The lamp of claim 18 wherein the light illuminating the second illumination region is bluish.

Claim 21 (new): The lamp of claim 18 wherein the lamp is capable of emitting at least visible light of multiple wavelengths through the envelope and the means for illuminating comprises a partial coating.

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Claim 22 (new): The lamp of claim 21 wherein the partial coating comprises at least a portion which is an absorption coating scattering, at least partly, yellow light.

Claim 23 (new): The lamp of claim 22 wherein one or more pinstripes are arranged on the lamp envelope and at least a portion of the absorption coating is arranged in a striped pattern along the one or more pinstripes.

Claim 24 (new): The lamp of claim 21 wherein the partial coating comprises at least a portion which is an interference coating or a combined absorption and interference coating and which preferentially transmits blue light.

Claim 25 (new): The lamp of claim 21 wherein the partial coating comprises at least a portion which is a yellow absorption layer arranged on a front region of the lamp envelope or on a rear region of the lamp envelope.